

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) An evaporation chamber of materials including a vacuum chamber and a first pumping unit to pump said chamber and sources of material, the evaporating chamber comprising:

a wall providing total or partial vacuum tightness and delineating delineating within the vacuum chamber a first volume pumped by said first pumping unit and a second volume pumped by a second pumping unit, said wall comprising a plate,

wherein certain of said sources of material having a main axis are placed in the second volume and other sources are placed in the first volume, and said wall includes recesses, each being centered on the main axis of one of the sources of material having the main axis, and

wherein the chamber contains means for plugging or clearing each of said recesses, said means being controlled individually to protect the sources of material having a main evaporation axis unused, and comprising toggling masks actuated by an external toggling device, each mask comprising a blade parallel to the surface of the plate around the recess considered in order to

ensure perfect contact between said surface and the mask, when said mask is in plugging position.

2. (Canceled)

3. (Currently Amended) An evaporation chamber according to claim 1, wherein ~~when growing~~ during the growth of layers on a substrate, the flow of the elements forming the materials from the first volume is pumped by the second pumping unit, through the recesses cleared.

4. (Canceled)

5. (Currently Amended) An evaporation chamber according to claim 1, wherein the first pumping unit [[(13)]] contains a primary pump and a secondary pump.

6. (Previously Presented) An evaporation chamber according to claim 1, wherein the second pumping unit contains a secondary pump.

7. (Previously Presented) An evaporation chamber according to claim 5, wherein the first volume and the second volume include at least one liquid nitrogen storage panel.

8.(Previously Presented) An evaporation chamber according to claim 1, wherein the second volume delineated by the wall has a pressure lower than 10^{-7} Torr.

9.(Previously Presented) An evaporation chamber according to claim 1, wherein the evaporation chamber contains means for controlling the pressure in order to measure independently the pressure in the first volume and the second volume.

10.(Previously Presented) An evaporation chamber according to claim 1, wherein the sources of material having the main axis placed in the second volume include crucible cells heated by Joule effect.

11.(Previously Presented) An evaporation chamber according to claim 1, wherein the sources of material having the main axis placed in the second volume include electronic bombarding evaporation guns.

12.(Previously Presented) An evaporation chamber according to claim 1, wherein the sources placed in the first volume include at least one source of plasma.

13.(Previously Presented) An evaporation chamber according to claim 1, wherein the sources placed in the first volume include at least one gas injector.